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April 3, 2001

Chun-Mal Liu

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		Approved for use through 10/31/2002. OMB 0651-0035

Application Number

First Named Inventor

Filing Date

Approved for use through 10:31/2002, OMB 0831-0035
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AUTHORIZATION OF AGENT	Group Art Unit	2811			
VALLEAL HARMAN MARKET	Examiner Name	Thomas J. Magee			
	Attorney Docket Number	018757-004800US			
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i am the:		·			
☐ Applicant/Inventor.					
Assignee of record of the e	ntire Interest. See 37 CFR 3.1	71.			
Certificate under 37 CFR 3	.73(b) is enclosed. (Form PTC	D/SB/96)			
SIGNATURE of Applicant or Assignee of Record					
Name Kuang Yi Chiu					
Signature Tuesda	1.00				
Date Feb 11, 2003					
NOTE: Signatures of all the inventors or assigness of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.					
Total offorms are submitted.	rein in induitori organization				

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			Application		09/827,056	
l			Filing Date		April 3, 2001	
POWI	FROF	ATTORNEY OR	First Name	ed Inventor	Chun-Mai Liu	
		TION OF AGENT	Title		METHOD OF FABRIC COUPLING RATIO SP MEMORY CELL ARRA	PLIT GATE FLASH
			Group Art	Unit	2811	
			Examiner	Name	Thomas J. Magee	
<u> </u>			Attorney D	ocket Number	018757-004600US	
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I am the: Applicant/inventor. Assignee of record of the entire interest. See 37 CFR 3.71.						
Statem	ent under .	37 CFR 3.73(b) is enclosed				
			RE of Applicant	or Assignee of Rec	cord	
Name	Kuang Y	j Chiu				
Signature	1 6	may wa	<u>~~</u> _`	<u>. </u>		
Date	Feb 11 (3				- A - 7.1	
		ill the inventors or assignee I more than one signature i			heir representative(4) are	required.
☐ Total of		ms are submitted,	* 1040-17-1	A1011 .		

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Attorney Docket No. 018757-004600US

STATEMENT UNDER 37	CFR 3.73(b)				
Applicant/Patent Owner: Chun-Mai Liu et al.					
Application No./Patent No.: 09/827,056 Filed/Issu	e Date: April 5, 2001				
Entitled: METHOD OF FABRICATING MIGH-COUPLING RATIO SPL	IT GATE FLASH MEMORY CELL ARRAY				
Winbond Electronics Corporation a Taiwanese com					
	Corporation, partnership, university, government agency, etc.)				
states that it is:					
 the assignee of the entire right, title, and interest; or 					
 an assignes of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is 	_%				
in the patent application/patent identified above by virtue of either:					
A. An assignment from the inventor(s) of the patent application/pater was recorded in the United States Patent and Trademark Office at which a copy thereof is attached.					
OR					
B. A chain of title from the inventor(s), of the patent application/paten as shown below:	t identified above, to the current assignee				
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Additional documents in the chain of title are listed on a suppl	Additional documents in the chain of title are listed on a supplemental sheet.				
Copies of assignments or other documents in the chain of title are att	eched				
NOTE: A separate copy (i.e., the original assignment document) must be submitted to Assignment DMsion in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]					
The undersigned (whose title is supplied below) is authorized to act on bel	nalf of the assignes.				
Feb. 10. 2003	Kuang Yi Chlu				
Date	Typed or printed name				
	Signature				
Executive Vice President					
<u></u>	Title				

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JUNE 25, 2001

JUSTIN BOYCE

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RECORDATION DATE: 04/03/2001

REEL/FRAME: 011685/0699

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LIU, CHUN-MAIL

DOC DATE: 01/15/2001

ASSIGNOR:

SU, KUNG-YEN

DOC DATE: 01/15/2001

ASSIGNOR:

KORDESCH, ALBERT V.

DOC DATE: 01/24/2001

ASSIGNOR:

GUO, PING

DOC DATE: 01/18/2001

ASSIGNEE:

WINBOND ELECTRONICS CORPORATION NO. 4, CREATION ROAD III SCIENCE-BASED INDUSTRIAL PARK HSIN CHU, TAIWAN R.O.C.

SERIAL NUMBER: 09827056

PATENT NUMBER:

FILING DATE: 04/03/2001

ISSUE DATE:

PALO ALTO, CALIFORNIA

011685/0699 PAGE 2

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS 04-20-2001

Form PTO-1595	U.S. Department of Commerce
Docket No. 16405-0013 To the Hon. Commissioner of Patents & Trademarks: Fig. 1	2. Name and address of receiving party(ies):
1. Name of conveying party(ies): Chun-Mail Liu Albert V. Kordesch Kung-Yen Su Ping Guo Additional name of conveying party attached? ☐ Yes ☑ No	2. Name and address of receiving party(ies): Name: Winbond Electronics Corporation Address: No. 4. Creation Road III
3. Nature of conveyance: 4/03/0/	Science-Based Industrial Park
☐ Assignment ☐ Merger 2 7	Hsin Chu, Taiwan, R.O.C.
☐ Security Agreement ☐ Change of Name	
☐ Other:	
Execution Date: January 15, 18 & 24, 2001	Additional name(s) and address(es) attached? 🗆 Yes 🖾 No
4. Application number(s) or patent numbers:	
If this document is being filed together with a new application,	the execution date of the application is: January 15, 18 & 24, 2001
A. Patent Application No.(3)	B. Patent No.(s) 09827056
Additional numbers atta	iched? 🗆 Yes 🖾 No
5. Name and address party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Justin Boyce	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	☑ Enclosed
Street Address: 1400 Page Mill Road	Any discrepancy or overpayment is authorized to be charged to deposit account
City: Palo Alto State: California ZIP: 94304-1124	
2 FC:581 40.00 OP	8. Deposit Account number:
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A	April 3, 2001
Justin Boyce Name of Person Signing Signa	ture Date
Total number of pages including	cover sheet, attachments, and document: _4

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1:54PM

ASSIGNMENT

I, as a below-named inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to:

WINBOND ELECTRONICS CORPORATION NO. 4, CREATION ROAD III SCIENCE-BASED INDUSTRIAL PARK HSIN CHU, TAIWAN, ROC

A TAIWAN, R.O.C. CORPORATION (hereinafter referred to as Assignee), its successors and legal representatives, the entire right, title and interest in and to all subject matter invented by Chun-Mai Liu, Kung-Yen Su, Albert V. Kordesch and Ping Guo and disclosed and/or claimed in an application for Letters Patent of the United States of America Serial No. Unassigned, filed Herewith, entitled:

METHOD OF FABRICATING HIGH-COUPLING RATTO SPLIT GATE FLASH MEMORY CELL ARRAY

and	sign	eď '	by	me

☑	On the date set forth below;	
	on the DATE OF SIGNING DECLARATION	J

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States, and in countries foreign to the United States, issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of OPPENHEIMER WOLFF & DONNELLY LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

U.S. Assignment

Page I SV/191812.01 01102001/17:06/15917.13 File No.: 16405-0013

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

Inventor's Signature:	Uhun Mai Gin	Date; _	1/15/01
Typed Name:	Chun-Mai Liu		
Home Address:	5896 Castano Drive, San Jose, CA 95129		***************************************
Citizenship:	United States of America		
Inventor's Signature: Typed Name:	Kung-Yen Su	Date: _	1/15/01
Home Address:	1138 Strada Almaden, San Jose, CA 95129	-	
Citizenship:	United States of America		
Inventor's Signature: Typed Name:	Albert V. Kordesch	Date: _	1-24-01
Home Address:	6887 Goldpine Court, San Jose, CA 95120		
Citizenship:	United States of America		
Inventor's Signature: Typed Name:	Fing Guo	Date:	118/0/
Home Address:	225 Union Ave., #247, San Jose, CA 95129		
Citizenship:	United States of America		

File No.: 16405-0013

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COUNTY OF Lange Clay) ss. _)	•
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WITNESS my hand and of	ficial scal.	
TONY ALARAS Commission # 11 Noticy Public - C Sorting Clora Co	TIER 128163	Notary Public
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public, personally appeared		personally known to me (or
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the person(s), or the entity upon be	half of which the	person(s) acted, executed the instrument.
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U.S. Assignment

Page 3 SV/191812.01 01102001/17:06/15917.13